Serial No. 09/671,115

Amendment dated April 13, 2005

Reply to Office Action of January 13, 2005

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims**

(Currently Amended) A method for transmitting an emergency call using a
 CDMA mobile phone during roaming, comprising:

receiving position recognition information from a base station;

identifying an emergency call number from an emergency call mapping table stored in a memory using the position recognition information;

storing the emergency call number in a phone book of the mobile phone;

linking an emergency key to the emergency call number stored in the phone book such that when the emergency key is activated, the emergency number stored in the phone book is directly dialed without comparing the stored emergency number to other emergency numbers in the emergency call mapping table; and

transmitting an emergency call using the emergency key,

wherein the position recognition information is periodically transmitted through an extended system parameter message (ESPM) of a paging channel from the base station, and

wherein the emergency call mapping table includes position recognition information allocated by countries and emergency call numbers corresponding to the position recognition information such that the emergency call number can be identified from the emergency call mapping table using the position recognition information in the ESPM without requiring modification of the ESPM to include an emergency call number.

- 2. (Previously Presented) The method according to claim 1, wherein the position recognition information includes a Mobile Country Code.
  - 3. (Canceled)
- 4. (Previously Presented) The method according to claim 1, further comprising: shifting a pre-set search position on the emergency call mapping table to a position which corresponds to the received position recognition information when the mobile phone enters an area which corresponds to the received position recognition information.
  - 5-8. (Canceled)

9. (Currently Amended) A method for transmitting an emergency call of a CDMA mobile phone, comprising:

receiving position recognition information from a base station via a forward channel in roaming a mobile terminal;

searching an emergency call mapping table previously stored in a memory according to the received position recognition information and setting an emergency call number;

storing the emergency call number in a phone book of the mobile phone linking a one-touch dial to the emergency number stored in the phone book such that when the one-touch dial is activated, the emergency number stored in the phonebook is directly dialed without comparing the stored emergency number to other emergency numbers in the emergency call mapping table; and

transmitting an emergency call by using the one-touch dial,
wherein the position recognition information is transmitted through an
extended system parameter message (ESPM) of the forward channel, and

wherein the emergency call mapping table includes position recognition information allocated by countries and emergency call numbers corresponding to the

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position recognition information such that the emergency call number can be identified from the emergency call mapping table using the position recognition information in the ESPM without requiring modification of the ESPM to include an emergency call number.

- 10. (Canceled)
- 11. (Previously Presented) The method according to claim 9, wherein a read address of the phone book is identical to the number of the one-touch dial.
- 12. (Original) The method according to claim 9, wherein the position recognition is information is a Mobile Country Code.
  - 13. (Canceled).
- 14. (Currently Amended) A method for transmitting an emergency call of a CDMA mobile phone, comprising:

allocating position recognition information and an emergency call number to a mapping table;

receiving position recognition information that is periodically transmitted from

a base station;

searching an emergency call number by comparing the received position recognition information to position recognition information stored in the first memory mapping table and storing the emergency call number in a phone book of the mobile terminal;

linking a read address of the emergency call number stored in the phonebook to a one-touch dial; and

automatically replacing the emergency number stored in the phonebook with a new emergency number if new position recognition information is received indicating a new emergency number the mobile phase has moved to a new position by searching the mapping table to identify the new position information and the corresponding new emergency number and replacing the emergency number stored in the phonebook with the new emergency phone number; and

making an emergency call by using the one-touch dial, wherein the position recognition information is transmitted through an

15-16. (Canceled)

extended system parameters message.

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- 17. (Previously Presented) The method according to claim 1, wherein the transmitting step includes: directly transmitting the emergency call using the emergency key.
- 18. (Currently Amended) A method for making an emergency phone call using a phone in a CDMA mobile communication system, comprising:

receiving current location information;

searching a table in the phone to locate an emergency phone number corresponding to the current position information;

storing the emergency call number in an address of a phone book stored in the phone; and

linking the emergency number stored in the phone book with an emergency activation mechanism on the phone such that when the emergency activation mechanism is activated, the emergency number stored in the phone book is directly dialed without comparing the emergency phone number with other phone numbers in the table,

wherein the position recognition information is transmitted through an extended system parameters message, and

wherein the table includes position recognition information allocated by

countries and emergency call numbers corresponding to the position recognition information

such that the emergency call number can be identified from the table using the position

recognition information in the ESPM without requiring modification of the ESPM to include emergency call number.

- 19. (Canceled).
- 20. (Previously Presented) The method of claim 18, wherein the emergency activation mechanism an alpha-numeric key of the phone.
- 21. (Previously Presented) The method of claim 20, wherein the key is a one-touch key of the phone.
- 22. (Previously Presented) The method of claim 18, wherein the current location information includes a Mobile Country Code.
- 23. (Previously Presented) The method according to claim 1, further comprising:
  automatically replacing the emergency number stored in the phonebook with a
  new emergency number if position recognition information is received indicating a new
  emergency number.

- 24. (Previously Presented) The method according to claim 9, further comprising: automatically replacing the emergency number stored in the phone book with a new emergency number if position recognition information is received indicating a new emergency number.
- 25. (Previously Presented) The method according to claim 18, further comprising: automatically replacing the emergency number stored in the phonebook with a new emergency number if position recognition information is received indicating a new emergency number.
- 26. (Previously Presented) The method according to claim 14, wherein the emergency number stored in the phone book is directly dialed without comparing the received position recognition information to position recognition information stored in the first memory.
- 27. (New) A method for transmitting an emergency call using a mobile phone during roaming, comprising:

receiving a mobile country code from a base station; and using the mobile country code to identify a national emergency number from an

emergency call number mapping table stored in a memory,

wherein:

the identified national emergency number is stored in a read address of a phone book,

the read address of the phone book in which the national emergency number is stored is linked to the emergency call key,

the emergency call is directly transmitted using the emergency call key, and
the mobile country code is periodically transmitted through an extended system
parameters message (ESPM) from a base station to thereby update the phone book with the
emergency number.

- 28. (New) The method according to claim 27, wherein the emergency call number mapping table includes mobile country codes and the national emergency call numbers corresponding to the mobile country codes.
- 29. (New) The method according to claim 27, wherein identifying the national emergency call number is an emergency call number mapping table comprises varying a search position in the emergency call number mapping table according to the received mobile country code.

- 30. (New) The method according to claim 29, wherein when varying the search position, a search position pre-set on the emergency call number mapping table when the user is in a different area is moved to a region in which the same mobile country code as the currently received mobile country code.
- 31. (New) The method according to claim 29, wherein the mobile country code is stored in memory when it is received, and is compared with the mobile country code in the emergency call number mapping table to identify the national emergency call number.
- 32. (New) The method according to claim 27, wherein an emergency call is transmitted by one touch dialing.
- 33. (New) The method according to claim 27, wherein the read address of the phone book is identical to the number of the emergency call key.
- 34. (New) The method according to claim 27, further comprising: allocating the mobile country code and the national emergency call number to a mapping table.